



Missouri Department of Health

TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

FROM: Harvey Marx, Interim Section Chief

Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) June 2000

(through week 26 ending July 1, 2000)

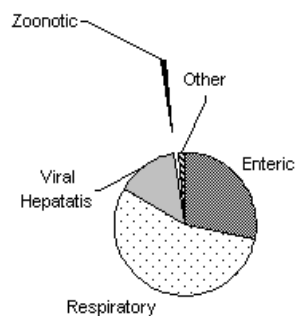
DATE: July 10, 2000

The Section of Communicable Disease Control and Veterinary Public Health will be publishing a monthly update on selected reported communicable diseases. The Section is responsible for reportable communicable diseases without federal funding. This information may also be found on the Missouri Department of Health (MDOH) Homepage at www.health.state.mo.us under Resource Materials.

Educational literature may also be found at this web site in the Publications Section.

The After Hours Emergency Number for the Missouri Department of Health is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health at (800) 392-0272.

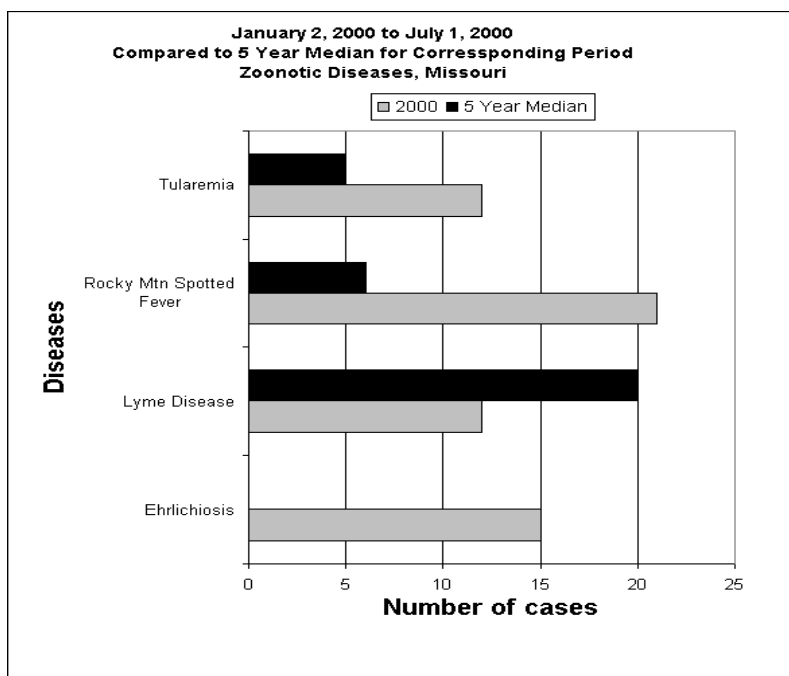
**Reported Diseases by Category
Missouri, Year-To-Date
January 2* - July 1, 2000**



Each month a different "slice of the pie" is described in the chart to the right.

*Reporting year 2000 began January 2, 2000.

See below for list of diseases in each category.



Reported Cases of Selected Diseases by Category

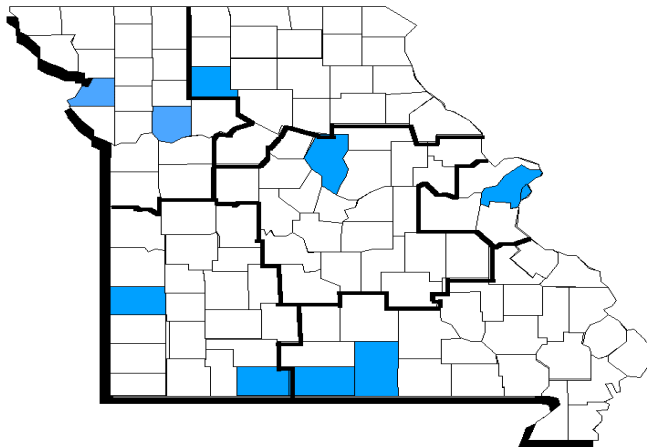
	2000 June	2000 YTD	1999 YTD	5 Year Median YTD	% Change 5 Year Median	Number of Cases, June 2000 by Health District						
						CD	ED	NE	NW	SE	SW	Unk
Enteric Diseases												
Campylobacteriosis	64	241	255	255	-	5.81%	8	23	4	5	3	21
Cryptosporidiosis	2	8	7	7	+	14.29%	0	2	0	0	0	0
E. coli O157:H7 #	5	33	13	13	+	153.85%	0	1	1	0	2	1
Giardiasis	42	314	296	286	+	9.79%	9	18	2	4	1	8
Listeria monocytogenes	1	3	7	7	-	133.33%	1	0	0	0	0	0
Salmonellosis	69	305	313	240	+	27.08%	10	24	5	9	11	9
Shigellosis	81	334	396	125	+	167.20%	11	36	0	30	4	0
Yersinia enterocolitica	2	7	7	8	-	14.29%	0	1	0	0	1	0
Respiratory												
Influenza (Lab Confirmed)	0	2415	935	302	+	699.67%	0	0	0	0	0	0
Legionellosis	4	13	11	8	+	62.50%	0	1	0	1	0	2
Viral Hepatitis												
Hepatitis A	17	245	217	511	-	108.57%	0	5	0	1	0	11
Hepatitis B	111	367	81	152	+	141.45%	12	44	1	34	5	9
Hepatitis C (Acute)	*											
Hepatitis C (Non-Acute)	*											
Zoonotic												
Ehrlichiosis	7	15	2	0	+	100.00%	2	1	1	3	0	0
Lyme Disease	3	12	29	20	-	66.67%	0	1	0	1	0	1
Rocky Mtn Spotted Fever	11	21	6	6	+	250.00%	2	3	0	1	1	3
Tularemia	8	12	6	5	+	140.00%	2	2	0	1	1	2
Other												
HIB Disease	2	7	3	5	+	40.00%	1	0	0	0	0	1
Malaria	3	4	10	6	-	50.00%	0	2	0	1	0	0
Meningococcal Disease	4	51	52	52	-	1.96%	0	1	0	0	3	0
*Hep C became reportable in 1997; it was previously included in Hepatitis Non A, Non B. Numbers to follow in future reports.												
Reportable diseases of very low incidence (<10 cases in previous year) are not included.												
#Increase in E.coli H7:O157 was due to an outbreak in Eastern District in January.												

1997 Population Estimates by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
679,600	1,893,900	249,200	1,276,300	545,400	757,600

The after hours emergency number for the Missouri Department of Health is (573) 751-4674.

Confirmed Animal Rabies in Missouri
By Health District
January 2 - July 1, 2000



Confirmed Rabies in Animals

Species	June		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	68	0	361	0
Cat	90	0	334	0
Bat	135	3	310	12
Skunk	5	0	33	2
Fox	1	0	6	0
Cow	2	0	10	1
Horse	3	0	6	0
Ferret	0	0	6	0
Raccoon	13	0	102	0
Rodent/Rabbit	14	0	92	0
Other Domestic	1	0	5	0

Other Wild	3	0	11	0
Total				

Counties Under Rabies Alert: Barton, Boone, Buchanan
and Howell Counties.

Active Surveillance System

Local health agencies have established surveillance sites that report clinical symptoms. This system is intended to rapidly assess changes in the community's health. The current reporting format was implemented in July, 1998.

Signs and Symptoms of Diseases or Conditions	2000 June	1999 June	June 2000 by Health District					
			CD	ED	NE	NW	SE	SW
Animal Bites	206	210	36	na	16	89	38	27
Eye Redness w/drainage	418	543	88	na	57	101	125	47
Gastro Intestinal illnesses								
Diarrhea and/or vomiting	1,279	2,071	301	na	74	365	267	272
Other	100	122	6	na	11	17	45	21
Respiratory Illness								
Flu-like illness	1,196	1,980	149	na	81	648	214	104
Pneumonia	395	374	98	na	83	36	109	69
Other-URI	1,240	449	101	na	95	107	725	212
Strep	453	411	89	na	58	193	68	45
Mono	11	29	0	na	2	9	0	0
Rash Illnesses								
Chickenpox (varicella)	160	142	35	na	17	46	52	10
Shingles - (varicella zoster)	48	34	6	na	7	12	10	13
Fifth Disease	8	40	1	na	0	6	1	0
Hand, Foot & Mouth Disease	86	17	27	na	1	2	54	2
Other	162	125	45	na	3	47	49	18
Hepatitis								
Hepatitis A	10	21	0	na	1	2	0	7
Hepatitis B	7	8	3	na	0	0	0	4
Hepatitis C	47	29	7	na	1	20	5	14
Infestations								
Pediculosis	499	562	111	na	17	94	232	45
Scabies	44	54	5	na	14	8	12	5
Other	20	6	0	na	1	10	7	2
Central nervous system illnesses								
Encephalitis	0	1	0	na	0	0	0	0
Meningitis	15	11	0	na	1	7	2	5
Hypothermia	2	3	0	na	0	2	0	0
Hyperthermia	16	15	1	na	0	11	2	2
Other	3	1	0	na	0	0	1	2